

E.L.
8/13/86 8/13/86

1104

144772

TO: PAUL TANDLER
BOB CONREAU
JIM HINTZ

FROM: Roy Brown

SUBJECT: BROKEN SEWER MAIN

IN A MEETING THIS MORNING, BETWEEN PAUL SAUGET, PAUL WEISS AND ROY BROWN, IT WAS AGREED THE BROKEN SEWER MAIN IS THE CITY RESPONSIBILITY.

FIRST STEP WILL BE TO VIDEO TAPE THE LINE TO DETERMINE WHETHER OR NOT WE HAVE A BREAK OR AN OPEN JOINT WHICH COULD BE GROUTED, SECOND CHOICE IS INSITUFORM.

CERRO WILL HAVE TO DIVERT SOME FLOWS OR HOLD A SUR CHARGE IN OUR LINE TO ACCOMPLISH THIS. BOTH ARE POSSIBILITIES WHICH MUST BE DETERMINED AFTER EXTENT OF DAMAGE IS SURVEYED

Rob

1104
8/19/66

CERRE, COFFER AND BRACE CO.

1104-1106-1108-1110-1112-1114-1116-1118-1120-1122-1124-1126-1128-1130-1132-1134-1136-1138-1140-1142-1144-1146-1148-1150-1152-1154-1156-1158-1160-1162-1164-1166-1168-1170-1172-1174-1176-1178-1180-1182-1184-1186-1188-1190-1192-1194-1196-1198-1200-1202-1204-1206-1208-1210-1212-1214-1216-1218-1220-1222-1224-1226-1228-1230-1232-1234-1236-1238-1240-1242-1244-1246-1248-1250-1252-1254-1256-1258-1260-1262-1264-1266-1268-1270-1272-1274-1276-1278-1280-1282-1284-1286-1288-1290-1292-1294-1296-1298-1300-1302-1304-1306-1308-1310-1312-1314-1316-1318-1320-1322-1324-1326-1328-1330-1332-1334-1336-1338-1340-1342-1344-1346-1348-1350-1352-1354-1356-1358-1360-1362-1364-1366-1368-1370-1372-1374-1376-1378-1380-1382-1384-1386-1388-1390-1392-1394-1396-1398-1400-1402-1404-1406-1408-1410-1412-1414-1416-1418-1420-1422-1424-1426-1428-1430-1432-1434-1436-1438-1440-1442-1444-1446-1448-1450-1452-1454-1456-1458-1460-1462-1464-1466-1468-1470-1472-1474-1476-1478-1480-1482-1484-1486-1488-1490-1492-1494-1496-1498-1500-1502-1504-1506-1508-1510-1512-1514-1516-1518-1520-1522-1524-1526-1528-1530-1532-1534-1536-1538-1540-1542-1544-1546-1548-1550-1552-1554-1556-1558-1560-1562-1564-1566-1568-1570-1572-1574-1576-1578-1580-1582-1584-1586-1588-1590-1592-1594-1596-1598-1600-1602-1604-1606-1608-1610-1612-1614-1616-1618-1620-1622-1624-1626-1628-1630-1632-1634-1636-1638-1640-1642-1644-1646-1648-1650-1652-1654-1656-1658-1660-1662-1664-1666-1668-1670-1672-1674-1676-1678-1680-1682-1684-1686-1688-1690-1692-1694-1696-1698-1700-1702-1704-1706-1708-1710-1712-1714-1716-1718-1720-1722-1724-1726-1728-1730-1732-1734-1736-1738-1740-1742-1744-1746-1748-1750-1752-1754-1756-1758-1760-1762-1764-1766-1768-1770-1772-1774-1776-1778-1780-1782-1784-1786-1788-1790-1792-1794-1796-1798-1800-1802-1804-1806-1808-1810-1812-1814-1816-1818-1820-1822-1824-1826-1828-1830-1832-1834-1836-1838-1840-1842-1844-1846-1848-1850-1852-1854-1856-1858-1860-1862-1864-1866-1868-1870-1872-1874-1876-1878-1880-1882-1884-1886-1888-1890-1892-1894-1896-1898-1900-1902-1904-1906-1908-1910-1912-1914-1916-1918-1920-1922-1924-1926-1928-1930-1932-1934-1936-1938-1940-1942-1944-1946-1948-1950-1952-1954-1956-1958-1960-1962-1964-1966-1968-1970-1972-1974-1976-1978-1980-1982-1984-1986-1988-1990-1992-1994-1996-1998-2000-2002-2004-2006-2008-2010-2012-2014-2016-2018-2020-2022-2024-2026-2028-2030-2032-2034-2036-2038-2040-2042-2044-2046-2048-2050-2052-2054-2056-2058-2060-2062-2064-2066-2068-2070-2072-2074-2076-2078-2080-2082-2084-2086-2088-2090-2092-2094-2096-2098-2100-2102-2104-2106-2108-2110-2112-2114-2116-2118-2120-2122-2124-2126-2128-2130-2132-2134-2136-2138-2140-2142-2144-2146-2148-2150-2152-2154-2156-2158-2160-2162-2164-2166-2168-2170-2172-2174-2176-2178-2180-2182-2184-2186-2188-2190-2192-2194-2196-2198-2200-2202-2204-2206-2208-2210-2212-2214-2216-2218-2220-2222-2224-2226-2228-2230-2232-2234-2236-2238-2240-2242-2244-2246-2248-2250-2252-2254-2256-2258-2260-2262-2264-2266-2268-2270-2272-2274-2276-2278-2280-2282-2284-2286-2288-2290-2292-2294-2296-2298-2300-2302-2304-2306-2308-2310-2312-2314-2316-2318-2320-2322-2324-2326-2328-2330-2332-2334-2336-2338-2340-2342-2344-2346-2348-2350-2352-2354-2356-2358-2360-2362-2364-2366-2368-2370-2372-2374-2376-2378-2380-2382-2384-2386-2388-2390-2392-2394-2396-2398-2400-2402-2404-2406-2408-2410-2412-2414-2416-2418-2420-2422-2424-2426-2428-2430-2432-2434-2436-2438-2440-2442-2444-2446-2448-2450-2452-2454-2456-2458-2460-2462-2464-2466-2468-2470-2472-2474-2476-2478-2480-2482-2484-2486-2488-2490-2492-2494-2496-2498-2500-2502-2504-2506-2508-2510-2512-2514-2516-2518-2520-2522-2524-2526-2528-2530-2532-2534-2536-2538-2540-2542-2544-2546-2548-2550-2552-2554-2556-2558-2560-2562-2564-2566-2568-2570-2572-2574-2576-2578-2580-2582-2584-2586-2588-2590-2592-2594-2596-2598-2600-2602-2604-2606-2608-2610-2612-2614-2616-2618-2620-2622-2624-2626-2628-2630-2632-2634-2636-2638-2640-2642-2644-2646-2648-2650-2652-2654-2656-2658-2660-2662-2664-2666-2668-2670-2672-2674-2676-2678-2680-2682-2684-2686-2688-2690-2692-2694-2696-2698-2700-2702-2704-2706-2708-2710-2712-2714-2716-2718-2720-2722-2724-2726-2728-2730-2732-2734-2736-2738-2740-2742-2744-2746-2748-2750-2752-2754-2756-2758-2760-2762-2764-2766-2768-2770-2772-2774-2776-2778-2780-2782-2784-2786-2788-2790-2792-2794-2796-2798-2800-2802-2804-2806-2808-2810-2812-2814-2816-2818-2820-2822-2824-2826-2828-2830-2832-2834-2836-2838-2840-2842-2844-2846-2848-2850-2852-2854-2856-2858-2860-2862-2864-2866-2868-2870-2872-2874-2876-2878-2880-2882-2884-2886-2888-2890-2892-2894-2896-2898-2900-2902-2904-2906-2908-2910-2912-2914-2916-2918-2920-2922-2924-2926-2928-2930-2932-2934-2936-2938-2940-2942-2944-2946-2948-2950-2952-2954-2956-2958-2960-2962-2964-2966-2968-2970-2972-2974-2976-2978-2980-2982-2984-2986-2988-2990-2992-2994-2996-2998-3000-3002-3004-3006-3008-3010-3012-3014-3016-3018-3020-3022-3024-3026-3028-3030-3032-3034-3036-3038-3040-3042-3044-3046-3048-3050-3052-3054-3056-3058-3060-3062-3064-3066-3068-3070-3072-3074-3076-3078-3080-3082-3084-3086-3088-3090-3092-3094-3096-3098-3100-3102-3104-3106-3108-3110-3112-3114-3116-3118-3120-3122-3124-3126-3128-3130-3132-3134-3136-3138-3140-3142-3144-3146-3148-3150-3152-3154-3156-3158-3160-3162-3164-3166-3168-3170-3172-3174-3176-3178-3180-3182-3184-3186-3188-3190-3192-3194-3196-3198-3200-3202-3204-3206-3208-3210-3212-3214-3216-3218-3220-3222-3224-3226-3228-3230-3232-3234-3236-3238-3240-3242-3244-3246-3248-3250-3252-3254-3256-3258-3260-3262-3264-3266-3268-3270-3272-3274-3276-3278-3280-3282-3284-3286-3288-3290-3292-3294-3296-3298-3300-3302-3304-3306-3308-3310-3312-3314-3316-3318-3320-3322-3324-3326-3328-3330-3332-3334-3336-3338-3340-3342-3344-3346-3348-3350-3352-3354-3356-3358-3360-3362-3364-3366-3368-3370-3372-3374-3376-3378-3380-3382-3384-3386-3388-3390-3392-3394-3396-3398-3400-3402-3404-3406-3408-3410-3412-3414-3416-3418-3420-3422-3424-3426-3428-3430-3432-3434-3436-3438-3440-3442-3444-3446-3448-3450-3452-3454-3456-3458-3460-3462-3464-3466-3468-3470-3472-3474-3476-3478-3480-3482-3484-3486-3488-3490-3492-3494-3496-3498-3500-3502-3504-3506-3508-3510-3512-3514-3516-3518-3520-3522-3524-3526-3528-3530-3532-3534-3536-3538-3540-3542-3544-3546-3548-3550-3552-3554-3556-3558-3560-3562-3564-3566-3568-3570-3572-3574-3576-3578-3580-3582-3584-3586-3588-3590-3592-3594-3596-3598-3600-3602-3604-3606-3608-3610-3612-3614-3616-3618-3620-3622-3624-3626-3628-3630-3632-3634-3636-3638-3640-3642-3644-3646-3648-3650-3652-3654-3656-3658-3660-3662-3664-3666-3668-3670-3672-3674-3676-3678-3680-3682-3684-3686-3688-3690-3692-3694-3696-3698-3700-3702-3704-3706-3708-3710-3712-3714-3716-3718-3720-3722-3724-3726-3728-3730-3732-3734-3736-3738-3740-3742-3744-3746-3748-3750-3752-3754-3756-3758-3760-3762-3764-3766-3768-3770-3772-3774-3776-3778-3780-3782-3784-3786-3788-3790-3792-3794-3796-3798-3800-3802-3804-3806-3808-3810-3812-3814-3816-3818-3820-3822-3824-3826-3828-3830-3832-3834-3836-3838-3840-3842-3844-3846-3848-3850-3852-3854-3856-3858-3860-3862-3864-3866-3868-3870-3872-3874-3876-3878-3880-3882-3884-3886-3888-3890-3892-3894-3896-3898-3900-3902-3904-3906-3908-3910-3912-3914-3916-3918-3920-3922-3924-3926-3928-3930-3932-3934-3936-3938-3940-3942-3944-3946-3948-3950-3952-3954-3956-3958-3960-3962-3964-3966-3968-3970-3972-3974-3976-3978-3980-3982-3984-3986-3988-3990-3992-3994-3996-3998-4000-4002-4004-4006-4008-4010-4012-4014-4016-4018-4020-4022-4024-4026-4028-4030-4032-4034-4036-4038-4040-4042-4044-4046-4048-4050-4052-4054-4056-4058-4060-4062-4064-4066-4068-4070-4072-4074-4076-4078-4080-4082-4084-4086-4088-4090-4092-4094-4096-4098-4100-4102-4104-4106-4108-4110-4112-4114-4116-4118-4120-4122-4124-4126-4128-4130-4132-4134-4136-4138-4140-4142-4144-4146-4148-4150-4152-4154-4156-4158-4160-4162-4164-4166-4168-4170-4172-4174-4176-4178-4180-4182-4184-4186-4188-4190-4192-4194-4196-4198-4200-4202-4204-4206-4208-4210-4212-4214-4216-4218-4220-4222-4224-4226-4228-4230-4232-4234-4236-4238-4240-4242-4244-4246-4248-4250-4252-4254-4256-4258-4260-4262-4264-4266-4268-4270-4272-4274-4276-4278-4280-4282-4284-4286-4288-4290-4292-4294-4296-4298-4300-4302-4304-4306-4308-4310-4312-4314-4316-4318-4320-4322-4324-4326-4328-4330-4332-4334-4336-4338-4340-4342-4344-4346-4348-4350-4352-4354-4356-4358-4360-4362-4364-4366-4368-4370-4372-4374-4376-4378-4380-4382-4384-4386-4388-4390-4392-4394-4396-4398-4400-4402-4404-4406-4408-4410-4412-4414-4416-4418-4420-4422-4424-4426-4428-4430-4432-4434-4436-4438-4440-4442-4444-4446-4448-4450-4452-4454-4456-4458-4460-4462-4464-4466-4468-4470-4472-4474-4476-4478-4480-4482-4484-4486-4488-4490-4492-4494-4496-4498-4500-4502-4504-4506-4508-4510-4512-4514-4516-4518-4520-4522-4524-4526-4528-4530-4532-4534-4536-4538-4540-4542-4544-4546-4548-4550-4552-4554-4556-4558-4560-4562-4564-4566-4568-4570-4572-4574-4576-4578-4580-4582-4584-4586-4588-4590-4592-4594-4596-4598-4600-4602-4604-4606-4608-4610-4612-4614-4616-4618-4620-4622-4624-4626-4628-4630-4632-4634-4636-4638-4640-4642-4644-4646-4648-4650-4652-4654-4656-4658-4660-4662-4664-4666-4668-4670-4672-4674-4676-4678-4680-4682-4684-4686-4688-4690-4692-4694-4696-4698-4700-4702-4704-4706-4708-4710-4712-4714-4716-4718-4720-4722-4724-4726-4728-4730-4732-4734-4736-4738-4740-4742-4744-4746-4748-4750-4752-4754-4756-4758-4760-4762-4764-4766-4768-4770-4772-4774-4776-4778-4780-4782-4784-4786-4788-4790-4792-4794-4796-4798-4800-4802-4804-4806-4808-4810-4812-4814-4816-4818-4820-4822-4824-4826-4828-4830-4832-4834-4836-4838-4840-4842-4844-4846-4848-4850-4852-4854-4856-4858-4860-4862-4864-4866-4868-4870-4872-4874-4876-4878-4880-4882-4884-4886-4888-4890-4892-4894-4896-4898-4900-4902-4904-4906-4908-4910-4912-4914-4916-4918-4920-4922-4924-4926-4928-4930-4932-4934-4936-4938-4940-4942-4944-4946-4948-4950-4952-4954-4956-4958-4960-4962-4964-4966-4968-4970-4972-4974-4976-4978-4980-4982-4984-4986-4988-4990-4992-4994-4996-4998-5000-5002-5004-5006-5008-5010-5012-5014-5016-5018-5020-5022-5024-5026-5028-5030-5032-5034-5036-5038-5040-5042-5044-5046-5048-5050-5052-5054-5056-5058-5060-5062-5064-5066-5068-5070-5072-5074-5076-5078-5080-5082-5084-5086-5088-5090-5092-5094-5096-5098-5100-5102-5104-5106-5108-5110-5112-5114-5116-5118-5120-5122-5124-5126-5128-5130-5132-5134-5136-5138-5140-5142-5144-5146-5148-5150-5152-5154-5156-5158-5160-5162-5164-5166-5168-5170-5172-5174-5176-5178-5180-5182-5184-5186-5188-5190-5192-5194-5196-5198-5200-5202-5204-5206-5208-5210-5212-5214-5216-5218-5220-5222-5224-5226-5228-5230-5232-5234-5236-5238-5240-5242-5244-5246-5248-5250-5252-5254-5256-5258-5260-5262-5264-5266-5268-5270-5272-5274-5276-5278-5280-5282-5284-5286-5288-5290-5292-5294-5296-5298-5300-5302-5304-5306-5308-5310-5312-5314-5316-5318-5320-5322-5324-5326-5328-5330-5332-5334-5336-5338-5340-5342-5344-5346-5348-5350-5352-5354-5356-5358-5360-5362-5364-5366-5368-5370-5372-5374-5376-5378-5380-5382-5384-5386-5388-5390-5392-5394-5396-5398-5400-5402-5404-5406-5408-5410-5412-5414-5416-5418-5420-5422-5424-5426-5428-5430-5432-5434-5436-5438-5440-5442-5444-5446-5448-5450-5452-5454-5456-5458-5460-5462-5464-5466-5468-5470-5472-5474-5476-5478-5480-5482-5484-5486-5488-5490-5492-5494-5496-5498-5500-5502-5504-5506-5508-5510-5512-5514-5516-5518-5520-5522-5524-5526-5528-5530-5532-5534-5536-5538-5540-5542-5544-5546-5548-5550-5552-5554-5556-5558-5560-5562-5564-5566-5568-5570-5572-5574-5576-5578-5580-5582-5584-5586-5588-5590-5592-5594-5596-5598-5600-5602-5604-5606-5608-5610-5612-5614-5616-5618-5620-5622-5624-5626-5628-5630-5632-5634-5636-5638-5640-5642-5644-5646-5648-5650-5652-5654-5656-5658-5660-5662-5664-5666-5668-5670-5672-5674-5676-5678-5680-5682-5684-5686-5688-5690-5692-5694-5696-5698-5700-5702-5704-5706-5708-5710-5712-5714-5716-5718-5720-5722-5724-5726-5728-5730-5732-5734-5736-5738-5740-5742-5744-5746-5748-5750-5752-5754-5756-5758-5760-5762-5764-5766-5768-5770-5772-5774-5776-5778-5780-5782-5784-5786-5788-5790-5792-5794-5796-5798-5800-5802-5804-5806-5808-5810-5812-5814-5816-5818-5820-5822-5824-5826-5828-5830-5832-5834-5836-5838-5840-5842-5844-5846-5848-5850-5852-5854-5856-5858-5860-5862-5864-5866-5868-5870-5872-5874-5876-5878-5880-5882-5884-5886-5888-5890-5892-5894-5896-5898-5900-5902-5904-5906-5908-5910-5912-5914-5916-5918-5920-5922-5924-5926-5928-5930-5932-5934-5936-5938-5940-5942-5944-5946-5948-5950-5952-5954-5956-5958-5960-5962-5964-5966-5968-5970-5972-5974-5976-5978-5980-5982-5984-5986-5988-5990-5992-5994-5996-5998-6000-6002-6004-6006-60

TO JIM HINTZ
FROM ROY BROWN

1104
6/16/86

THE LIFT STATION AT ELDB 19 HAS ONE PUMP
THAT IS BEYOND REPAIR AND MUST BE REPLACED.
THE ORIGINAL SYSTEM HAD 2 $7\frac{1}{2}$ H.P. PUMPS.

SINCE THE ORIGINAL INSTALLATION OF THIS
STATION, THERE HAVE BEEN LARGE AREAS PAVED
AROUND THE STATION AND CAUSED ALL STORM
WATER TO FLOW INTO THIS STATION WITH NO
PERCOLATION POSSIBLE. THEREFORE PUMPING CAPACITY
NEEDS TO BE INCREASED.

I WOULD LIKE TO REPLACE BOTH PUMPS
WITH 2 GORMAN-RUPP MODEL TG60-B
HORIZONTAL SELF PRIMING PUMPS (\$4,444⁰⁰ EA.)
FOR REASON STATED ABOVE AND 2 OTHER
ADVANTAGES

1. THEY ARE IDENTICAL TO 3 PUMPS
IN HOT WELL AT ANODE CASTING,
WHICH HAVE BEEN TROUBLE FREE. BY
DOING THIS WE HAVE STANDARDIZATION,
ON PARTS & MAINTENANCE
2. I CAN TAKE THE EXISTING PUMP
AND MODIFY IT TO PUT IN LIFT
STATION BEHIND SACES BLDG AND
ELIMINATE THE FLOODING AT LOW-LIE
DOCK, WHEN IT RAINS

REC.

I agree with Roy. Let's purchase the pumps
and then write a MWD and Job Plan to install

Jim Hintz 6-11-86

James [Signature]
Let's proceed
lets see on order
costs expense to
repair.

C03667

CERRO COPPER PRODUCTS CO.

A member of The Marmon Group of companies

INTERNAL MEMORANDUM

OTHER ADDRESSEES - FOR INFORMATION

1104

HQ-10

SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

TO: John Davis

DATE: May 15, 1986

FROM: Roy Brown

SUBJECT:

John, I am investigating a phenomenon concerning sewer flow at Cerro West metering station. The records indicate the flow increases approximately 500% for 1/2 hour or more between 11:00 p.m. and 1:00 a.m. The flow in question originates from Building 80, Metal Receiving and Building 19.

I can find nothing unusual in Building 80 or Metal Receiving to increase this flow. Suspecting that this increased flow may be caused when casting stops in Building 19 and the hot well overflows, I would appreciate the time when casting operations ceased on April 20 through April 27, 1986, inclusive. I will then try to correlate this information with our flow.

Thanks.

Roy

RWB/jpl

C03668

CERRO COPPER PRODUCTS CO.

A member of The Marmon Group of companies

INTERNAL MEMORANDUM

OTHER ADDRESSEES - FOR INFORMATION

D. Durham
R. E. Conreaux
✓ P. Tandler
File

1104

HQ-10 SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

TO: S. A. Silverstein

DATE: February 28, 1986

FROM: John Davis

SUBJECT: MANHOLE CLEANING FOR WATER SAMPLE TESTS

The manholes that did not get cleaned because of high levels are:

12-C
13-C
8-C
1-C
3-B

I talked to Dave Durham about getting Able in here again to finish the job when you are ready, and it should be no problem.

Just call Dave and he will arrange for them to come in and finish. Give Dave a couple of days notice to arrange for Able to return.

John Davis

JD/ge

C03669

CERRO COPPER PRODUCTS CO.

A member of The Marmon Group of companies

INTERNAL MEMORANDUM

OTHER ADDRESSEES - FOR INFORMATION

R. Brown
R. E. Conreux
✓ S. A. Silverstein
P. Tandler
File

1104

HQ-10 SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

TO: Tom Cornwell

FROM: John Davis

SUBJECT: LIFT STATION PUMP AT BUILDING 80

DATE: February 21, 1986

This is to follow-up on our conversation about getting two pumps running for the water sampling program to start March 3, 1986.

The pump that was running was not pumping and we need to have the water level below the 12" line coming in so it can be measured for the sampling.

The pump needs to have the capacity to keep the level down during the test time.

John Davis

JD/ge

C03670